

## CABLE SEMICONDUCTING SHIELD

### Abstract of the Disclosure

A cable comprising one or more electrical conductors or communications media or a core of two or more electrical conductors or communications media, each electrical conductor, communications medium, or core being surrounded by a layer comprising:

- (a) polyethylene; polypropylene; or mixtures thereof;
- (b) carbon nanotubes;
- (c) optionally, a conductive carbon black other than carbon nanotubes; and
- (d) optionally, a copolymer of acrylonitrile and butadiene wherein the acrylonitrile is present in an amount of about 30 to about 60 percent by weight based on the weight of the copolymer or a silicone rubber.

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